

AMENDMENTS TO THE ABSTRACT

Please replace the Abstract presently of record in the specification with the attached substitute Abstract enclosed herewith.

ABSTRACT

A method for producing transgenic gramineae plants having tolerance to iron deficiency by transforming the plants with a barley gene encoding nicotianamine aminotransferase (NAAT) and transgenic gramineae plants are provided. The present invention also provides transgenic gramineae plants having resistance to iron deficiency which can grow in iron deficiency and calcareous alkaline soils.